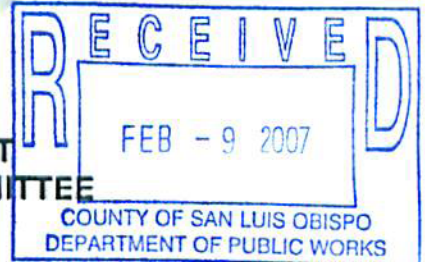


J. Weddell

**COUNTY OF SAN LUIS OBISPO  
APPLICATION FOR APPOINTMENT  
TO A BOARD, COMMISSION, OR COMMITTEE**



Date: January 29, 2006

Applying For: Los Osos Wastewater Project Technical Advisory Committee

Name: John Brady

Address: [REDACTED]

Home Phone: [REDACTED]

Business Phone: [REDACTED]

Fax Phone: [REDACTED]

E-mail Address: [REDACTED]

Supervisory District: Bruce Gibson

Years resided in County: 14 years

Present Occupation/Employer: Golden State Water Company - serving as the District Water Quality Engineer

If retired, past Occupation/Employer: \_\_\_\_\_

Education: see attached

List any school courses, volunteer activities, special skills, training, certificates, licenses, or work experience that you feel relate to your qualifications. If you like, you may attach a separate sheet for this purpose or to state your qualifications.

see attached

Previous service on county or city advisory bodies or an elected office (names/dates).

See attached

**Additional Comments:** \_\_\_\_\_

## **John Brady**

Mr. Brady has over 22 years of technical and managerial experience in the regulatory, consulting and industrial sectors of the environmental field. He is a registered civil engineer and a licensed general contractor in the state of California and also holds a master's degree in civil and environmental engineering. Mr. Brady's experience includes serving as a regulator in the hazardous waste industry, serving as an environmental analyst for the banking industry, serving as the site engineer at two regional landfill sites (Lancaster Landfill and Cold Canyon Landfill) and serving as a district water quality engineer for the Golden State Water Company in Los Osos.

## **Education, Certifications and Patents**

- B. A. Cell Physiology and Cell Biology, University of California, Santa Barbara, 1985
- M.S. Environmental Engineering, California State Polytechnic University, San Luis Obispo, 2001
- California Registered Professional Engineering License, Civil Engineering, C 6285
- California General Engineering Contractor License, Brady Environmental Inc, 867036
- Patent for Landfill Gas Extraction Constant Flow Method and Device, Patent Number US 6,999,883 B1
- Patent for Evaporative Desorption Soil Treatment Apparatus and Process, Patent Number US 6,829,844 B2
- HazMat General Site Worker – 40 Hour OSHA Training 2006

## **Community Involvement**

- Member of the Advisory Committee for redistricting elementary school boundaries in Los Osos following the closure of Sunnyside Elementary, San Luis Coastal School District, 2002
- Soccer Coach, South Bay Soccer League, 2002 and 2003.
- Active parent volunteer in the school system. Volunteering duties include field trip chaperon, science fair judge, and participation at school carnivals (Sunnyside and Monarch) and other various events.

## Selected Project Descriptions

- *Golden State Water Company, Los Osos System, Water Quality Program Management* - The Golden State Water Company is one of three water purveyors in the Los Osos Groundwater Basin, which is the sole source of water supply for the community of Los Osos. Serving as the water quality engineer for the Golden State Water Company, Mr. Brady has developed extensive knowledge of the water quality of the basin through the ongoing monitoring efforts of six groundwater production wells used for drinking water supply and through cooperation with a number of basin-wide studies, such as the lower aquifer recharge source study, salt water intrusion study and upper zone characterization study.

Mr. Brady also participated in the Los Osos Groundwater Technical Advisory Committee (TAC) as one of the Golden State Water Company representatives. The TAC was comprised of the three water purveyors in the community of Los Osos and has coordinated the development of a groundwater flow model and solute transport model for the Los Osos Basin. In addition, Mr. Brady participated in the technical work group, organized by the Regional Water Quality Control Board, in reviewing the technical aspects of characterization and remediation of the Bear Valley Chevron MTBE contamination in downtown Los Osos.

- *Golden State Water Company, Coastal District, Water Quality Program Management* - There are nine drinking water systems in the Coastal District. For critical water sources that have been impacted by contamination, Mr. Brady is responsible for identifying the appropriate treatment options, coordinate and assist with water treatment design, permitting, CEQA environmental reviews, construction, start-up operation and ongoing monitoring. The treatment systems utilized in the district include blending groundwater sources with surface water, ion exchange treatment for nitrate and selenium removal, iron/manganese treatment by free chlorine oxidation and sand filtration, and breakpoint chlorination.

In addition to treatment projects, Mr. Brady is involved with regional water quality issues as they relate to the nine drinking water systems within the Coastal District. As a result, Mr. Brady has had the opportunity to see how other groundwater basins have approached resolving a wide range of groundwater issues.

- *Los Osos Landfill Post Closure Maintenance Plan*. Mr. Brady reviewed hydrogeologic studies, engineering design of environmental control and monitoring systems at the closed landfill site and inspected the landfill site. Based on the review of all of the technical information and site inspection, Mr.

Brady prepared the Post Closure Maintenance Plan for the Los Osos Landfill. Through this work, Mr. Brady has established a working relationship with the county engineering department and enhanced his understanding of the Los Osos Groundwater Basin.

- *Cold Canyon Landfill* – Serving as the site engineer for Cold Canyon Landfill, Mr. Brady was responsible for the design, construction and operation of the numerous environmental monitoring and control systems currently in place at the landfill site. These projects included the closure repair, installation of the landfill gas collection systems and transmission pipeline, several expansions of the landfill gas collection system, construction of the leachate collection and removal system, construction of the first lined module of the landfill site, construction of the composting facility as well as other projects. This experience required significant interaction with the San Luis Obispo County Planning Department, San Luis Obispo County Environmental Health, San Luis Obispo County Air Pollution Control District, Regional Water Quality Control Board, the California Integrated Waste Management Board and the Environmental Protection Agency.

## **Reasons for Serving on the Technical Advisory Committee**

The Los Osos Wastewater project is a uniquely complicated project in that there are no simple straight-forward answers. The technical aspects alone are complicated enough but are further confounded by the controversial and political nature of the project. As evidenced by the years of public debate, this project has been by far the most divisive issue the community has ever been confronted with.

On a groundwater basin scale, the project is challenged with a number of issues that must be must addressed concurrently. These issues include the hydraulic balance of the basin itself, the options for disposing the treated wastewater, the significant timeframe prior to observing improvement to the water quality of the basin following the sewer system installation and the potential of the treated wastewater to present a different water quality issue to the basin. All of these issues are interrelated and can have a significant impact on how the basin is used for producing potable water for domestic supply. Since the groundwater basin is the sole source of water supply for the community, there is little tolerance for error by the community, particularly at the anticipated costs for the wastewater project.

On the political front, there have been four main issues that have arisen from the public debate surrounding each of the past attempts to construct a wastewater system in Los Osos. These issues include (1) whether the project is needed at all or needs to be constructed as quickly as possible, (2) the cost of the sewer

system, (3) the location of the treatment plant as well as the location of the treated wastewater disposal facilities, and (4) concern over the impact to the quality of the water supply. There is also the underlying issue of how the wastewater project will impact growth in Los Osos. All of these four main concerns are valid ones and defining one project that resolves all concerns may never be possible. This is why a broad-based, stake-holder consensus on one project is absolutely critical for permitting and constructing a wastewater system in Los Osos.

The reason why I would like to serve on the Technical Advisory Committee is primarily because I live here, along with my family, friends and co-workers. I also feel that I have a good understanding of the basin, through my work with the Los Osos Groundwater Technical Advisory Committee, the RWQCB working group for the Bear Valley Chevron MTBE project in downtown Los Osos, my work with the Los Osos Landfill and my work with the Golden State Water Company Los Osos System. My work with Cold Canyon Landfill, particularly with the landfill expansion, has also provided me a good understanding of the concerns of the various regulatory agencies for a large scale project, such as the Los Osos wastewater project.